

# NDB - Steps Specific to IMS/TM

This section describes how to install Natural for DB2 in an IMS/TM environment.

Ensure that your Natural/IMS roll buffer is large enough to contain the DB2SIZE; if you use the Natural Tools for DB2, an additional storage of 8 KB is required.

Below is information on:

- Bind Default NDB Plans for Different IMS/TM Environments
  - Using Plan Selection by Using an IMS Resource Translation Table
  - Using the File Server with VSAM
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## Bind Default NDB Plans for Different IMS/TM Environments

- JOB I055 / Steps 1631, 1632, 1633, 1634 for IMS MPP conversational, IMS BMP Natural, IMS MPP non-conversational, OBMP Natural

If desired, change library names and plan names to meet site requirements.

## Using Plan Selection with IMS Resource Translation Table

If the name (or any ALIAS) of your environment-dependent Natural nucleus does not match the name of your DB2 plan, you must use an Resource Translation Table (RTT).

Below is information on:

- Step 1: Modify, assemble and link IMS RTT

### Step 1: Modify, assemble and link IMS RTT

Add an additional DSNMAPN macro to your RTT as follows (for any other parameters, refer to the relevant DB2 literature by IBM):

DSNMAPN macro:

```
DSNMAPN APN=load-module,PLAN=plan-name
```

The *load-module* represents the environment-dependent Natural nucleus (that is, the IMS application program) and the *plan-name* is the same as the one used in the BIND step.

## Using the File Server with VSAM

Be aware that database loops cannot be continued across terminal I/Os without using the File Server.

If you want to use the Natural File Server (VSAM), perform the following additional steps:

- Step 1: Define VSAM dataset for file server - Job I008, Step 1600
- Step 2: Format file server dataset - Job I075, Step 1600
- Step 3: Update JCL for MPP region
- Step 4: Restart your Natural/IMS MPP region

## **Step 1: Define VSAM dataset for file server - Job I008, Step 1600**

Specify the size and the name of the VSAM RRDS that is to be used as the file server (see also Installing the File Server in Natural File Server for DB2).

## **Step 2: Format file server dataset - Job I075, Step 1600**

Specify the five input parameters required to format the file server dataset (see also Installing the File Server in Natural File Server for DB2).

## **Step 3: Update JCL for MPP region**

- Include the DD statement CMFSERV to define the file server dataset.
- Increase the REGION parameter if necessary.

## **Step 4: Restart your Natural/IMS MPP region**

Restart your MPP region, because of the additional DD statement.